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PTO/SB/05 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. Bhardwaj 1-3  
First Inventor Bhardwaj  
Title ALL-OPTICAL LINEAR FEEDBACK SHIFT REGISTER  
Express Mail Label No. 367981161

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification/Cover (Total Pages 31)  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Formal Drawing(s) (35 U.S.C. 113)(Total Sheets 5)
5. Oath or Declaration (Total Pages 4)
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)
  - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO:

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATIONS PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☒ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: \_\_\_\_\_

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: \_\_\_\_\_ / \_\_\_\_\_  
Prior application information: Examiner \_\_\_\_\_ Group / Art Unit: \_\_\_\_\_

For **CONTINUATION** or **DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

26291

or ☐ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name	Moser, Patterson & Sheridan, LLP				
Address	595 Shrewsbury Avenue				
	Suite 100				
City	Shrewsbury	State	NJ	Zip Code	07712
Country	USA	Telephone	(732) 530-9404	Fax	(732) 530-9808

Name (Print/Type)	Eamon J. Wall	Registration No. (Attorney/Agent)	39,414
Signature	<i>EJ Wall</i>	Date	3/19/04

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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# FEE TRANSMITTAL for FY 2004

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 1072

## Complete if Known

Application Number	Not Yet Assigned
Filing Date	Herewith
First Named Inventor	Bhardwaj
Examiner Name	Not Yet Assigned
Group / Art Unit	Not Yet Assigned
Attorney Docket No.	Bhardwaj 1-3

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account
Deposit  
Account  
Number

20-0782

Deposit  
Account  
Name

Moser, Patterson &amp; Sheridan, LLP

The Director is authorized to: (Check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	2001	770	Utility filing fee	770
1002	2002	340	Design filing fee	
1003	2003	530	Plant filing fee	
1004	2004	770	Reissue filing fee	
1005	2005	160	Provisional filing fee	

SUBTOTAL (1)

(\$ ) 770

## 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
25	-20 ** = 5	18	90
Independent Claims	5	-3 ** = 2	86
Multiple Dependent			0

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
1202	2202	18	Claims in excess of 20	
1201	2201	86	Independent claims in excess of 3	
1203	2203	290	Multiple dependent claim, if not paid	
1204	2204	86	** Reissue independent claims over original patent	
1205	2205	18	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2)

(\$ ) 262

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	2051	130	Surcharge - late filing fee or oath	
1052	2052	50	Surcharge - late provisional filing fee or cover sheet.	
1053	2053	130	Non-English specification	
1812	2520	2,520	For filing a request for reexamination	
1804	920*	1804	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	Requesting publication of SIR after Examiner action	
1251	2251	110	Extension for reply within first month	
1252	2252	420	Extension for reply within second month	
1253	2253	950	Extension for reply within third month	
1254	2254	1,480	Extension for reply within fourth month	
1255	2255	2,010	Extension for reply within fifth month	
1401	2401	330	Notice of Appeal	
1402	2402	330	Filing a brief in support of an appeal	
1403	2403	290	Request for oral hearing	
1451	2451	1,510	Petition to institute a public use proceeding	
1452	2452	110	Petition to revive - unavoidable	
1453	2453	1,330	Petition to revive - unintentional	
1501	2501	1,330	Utility issue fee (or reissue)	
1502	2502	480	Design issue fee	
1503	2503	640	Plant issue fee	
1460	1460	130	Petitions to the Commissioner	
1807	1807	50	Processing fee under 37 CFR 1.17 (q)	
1806	1806	180	Submission of Information Disclosure Stmt	
8021	8021	40	Recording each patent assignment per property (times number of properties)	40
1809	2809	770	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	2810	770	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	2801	770	Request for Continued Examination (RCE)	
1802	1802	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ ) 40

## SUBMITTED BY

## Complete (if applicable)

Name (Print/Type)	Eamon J. Wall	Registration No. Attorney/Agent	39,414	Telephone	(732) 530-9404
Signature	EJ Wall			Date	3/19/04

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